

NEW GRINDER NOW AVAILABLE!

9558PB Angle Grinder

Why use a paddle switch grinder?

- 1. Safety:** The grinder will only be operational if the paddle switch is continuously depressed by the operator. In the event of an accident or mishap the operator will immediately release pressure on the paddle switch, and the grinder will automatically stop running.
- 2. Ease of Operation:** Depressing a switch with thumb/fingers curled around the switch is slightly easier than reaching for a thumb switch located on the top of the grinder.

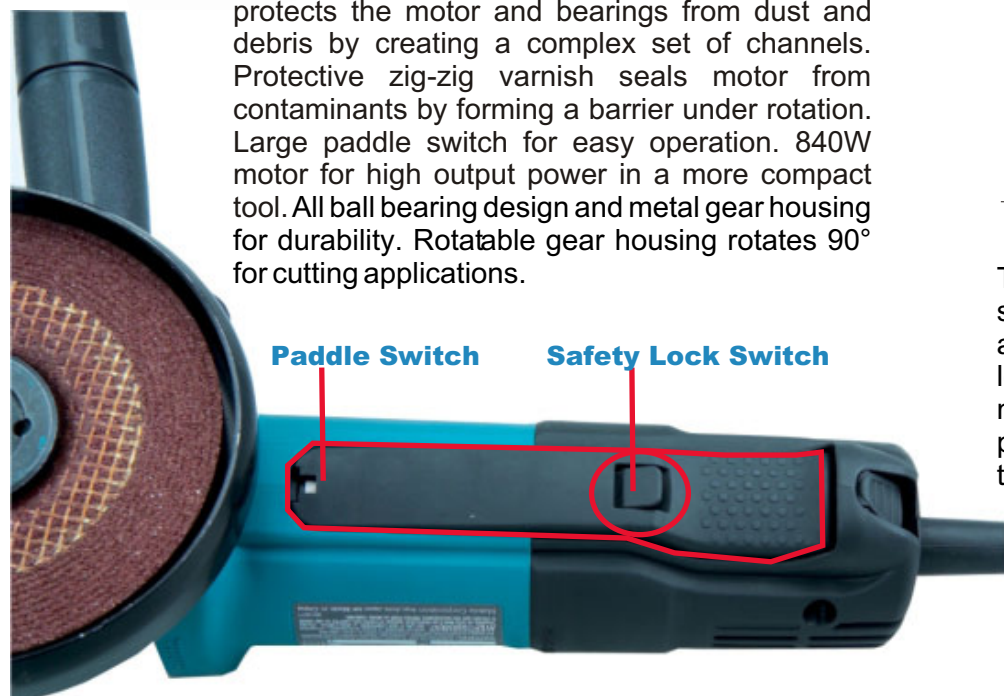
Specifications:

Continuous Rating Input:840W **Capacities:**Depressed Center Wheel 125mm, Abrasive Disc 125mm, Diamond Wheel 125mm
No Load Speed:11,000rpm
Dimensions:273mmx139mmx106mm
Net Weight:1.6kg
Power Supply Cord:2.5m
Standard Equipment:
Depressed Center Wheel,
Lock Nut Wrench,
Grip

Paddle Switch Grinders are for use in workplaces where safety is specified, especially in the mining industry.



Features: Small circumference barrel grip for added comfort. Labyrinth construction, seals and protects the motor and bearings from dust and debris by creating a complex set of channels. Protective zig-zig varnish seals motor from contaminants by forming a barrier under rotation. Large paddle switch for easy operation. 840W motor for high output power in a more compact tool. All ball bearing design and metal gear housing for durability. Rotatable gear housing rotates 90° for cutting applications.



The **9558PB Angle Grinder** has a paddle switch with a safety lock, which prevents accidentally switching on the grinder. The lock lever has to be disengaged before the machine can be switched on. When pressure is released on the paddle switch, the motor turns off.

“Chop” It Up With Makita

To all Harley Davidson and Custom motorcycle enthusiasts, Tony Ferreira from the East Rand, Gauteng, has been involved in building customs and servicing Harleys in his spare time since the early nineties and has now, with his partner Mike, started building the very latest available custom bikes from the West Coast, USA.

Since the frame and sheetmetal parts arrive in a raw state, it requires grinding, drilling and polishing. Not only does it require the skill of an artisan, but also the very best in machinery and tools to present the best product. Tony says that he finds Makita not only to be reliable and very user friendly, but also supplies the very best in backup service, which is critical in their line of work.



All interested parties for these unique motorcycles can contact Tony on 083 564 9746 or email dee_tee@mweb.co.za

Makita power tools that Tony utilizes include the 9565CV Angle Grinder, which, with its SJS(Super Joint System) special feature, ensures a smooth and comfortable grinding experience. How? The coil spring is extended with the rotation of the armature shaft. This increases its tightening force. The shaft is fixed firmly in place and the rotation is transmitted to the spiral bevel gear. The coil spring goes into a “slippery condition” when the torque is surpassed. This prevents damage to the gear or armature and assures smoother grinding. Tony says that this grinder is perfect for preparing the welding for spray-painting. He also uses a HP2050 Impact drill to drill holes in the mud guards and chain guards. The 9218PBL Polisher is used to give the bike a superior shine when it arrives back from spraying.



9218PBL Polisher

- High power to weight ratio: 860W motor and weighs only 2.9kg.
- Ideal polishing speed (1400 RPM) for a wide variety of surfaces.
- Great for automotive, woodworking, boat and plastic industry applications.
- Motor over pad design for better balance and control.
- All ball and needle bearing construction.
- Lock on switch for reduced operator fatigue during extended operation.

Supplied complete with:

- Wool Bonnet
- Rubber Backing Pad
- Lock Nut
- Spanner Wrench
- Lock Nut Wrench
- Side Handle

Specifications:

Continuous Rating	
Input:	860W motor
Capacity:	Wool bonnet 180mm
No Load Speed:	1,400rpm
Overall Length:	235mm
Net Weight:	2.9kg
Power Supply Cord:	2.5m



Best Results!

Disc polishers can provide exceptional results in a reduced amount of time, making them ideal for enthusiasts who want to get the most out of their effort. The main purpose of all disc polishers is to remove paint imperfections. Use your polisher at a speed between 1000 and 1200 RPM. You must keep your polisher moving to avoid building up a

concentration of heat in one spot. Try to keep the pad completely flush with the paint – this will distribute the friction throughout a larger area, dispersing the heat evenly throughout. Novice tattoo artists practice their art in countless sketchbooks before taking customers, and boxers jab at punching bags before going into the ring. Make sure you work on restoring damaged paint jobs before going on to buff brand new ones.

Recipro Saw JR1000FTK

Mini - Reciprosaw? In - line Jigsaw? Multi - Tool?

Specifications
 Continuous Rating Input: 340W
 Capacities:
 In pipe 25.4mm
 In Wood 55mm
 Length Of Stroke: 14mm
 Strokes per Min.: 0 - 4,800
 Dimensions:
 345mmx65mmx96mm
 Net Weight: 1.5kg
 Power Supply Cord: 2.5m

To Cut, Grind, Debur, Sand: wood, metal, foam, rubber, cardboard and leather

Direction Of Blade

The direction of blade teeth or the abrasive surface can face the upper side.



Toolless Blade Clamp

B type shank jig saw etc. can be installed merely by pushing the holder cover to insert the two protrusions into its slot.



Adjustable Shoe

Can slide backward and forward to be set at the desired position.



Lightweight and Compact

Easy-to-Operate Large Paddle Switch with Variable Speed Control

Allows you to adjust the stroke speed by increasing or decreasing a pressure given to switch lever.



Speed Change

Dial Enables you to select the maximum stroke speed when pressing the switch lever to the limit.

3

LED (Light Emitting Diode)

Can project the light to the workpiece to show the mark clearly even in the dark workplace.



Power Up!

Battery Myths



More volts and amps in the battery means the power tool is stronger

False, actually the motor, transmission and other components that produce the power also have a great effect on the tools performance. Other factors include the quality of the magnets in the motor, metal gears, the chuck that transfer to the bit. Basically it is everything from the battery to the blade or bit that determines the efficiency of the power tool.

A charger is a charger

Actually some chargers keep charging even when the battery is fully charged. This causes excess heat build up and decreases your battery life. Most professional power tool battery chargers will shut off. This means once the battery is fully charged, the charger will not try to push current through the batteries to charge it.

Batteries have a memory

This is false, well it use to be true. Back in the 80's when battery technology was just getting off the ground, a battery did have memory. Now-a-days with new technology manufactures have developed batteries with no memory. So currently this is a myth. Draining a battery all the way will actually cause more harm to the battery than good. When you drain a battery all the way, you can actually damage cells and they will no longer hold a charge, therefore you might only be using 11 cells instead of all 12 cells which lowers your power and battery life. The best gauge to recharge your battery is to charge the battery when it can no longer function for the job. If the saw starts to die when cutting, then it is time to charge it.

Keep Batteries in the freezer

Sounds goofy, but I have seen contractors bring a cooler with ice packs to the jobsites. This will not help your power tool batteries, I am not sure about your camera batteries or other smaller batteries. Actually the cold weather can hurt your batteries if you try to charge them in those surroundings. If it is too cold for you to work outside then when you come inside, don't leave your batteries out in the cold, just bring them in with you and the batteries will be fine. NiCad are very durable batteries and will work in all most any environment.

Batteries can be rebuilt

Some people say yes and some say no. I have read a lot about this and still get both answers. If someone rebuilds the battery, who knows if they did a good job or used recycled cells. Battery prices are coming down. My best advice is spend a couple of extra bucks and buy the new factory batteries.

Battery Tips

-NiCad and Li-Ion are extremely durable for hot and cold weather.

-Consider what the tool will be used for. Volts help, but it is not everything. The tool is just as important.

-Do not completely drain the battery, they do not have memory. Charge the battery when it no longer performs its duty to its fullest capacity.

-Keep your battery in a charger, a professional charger will keep your battery fully charged without putting strain on the battery.

Learn A Term

-**Cycle Life** - The number of times a battery can be charged and discharged.

-**Total Working Hours** - The raw number of hours a battery will work before it will not accept a charge.

-**Amp Hours** - Energy hold or gas tank. Higher amps is a bigger tank and will run longer.

Generator Tips

Because temporary power sources and generators provide electricity, they need to be used safely. Here are some tips on how to do that:

- Firstly, make sure you are using the **right sized** generator. Tool start-up can take two to three times the amount of power needed to run it. If the generator is undersized, it doesn't have enough power to start tools quickly. A tool motor that doesn't have enough power to start quickly builds up heat. That can damage the motor, and shorten its life.

To properly size a generator, it takes some easy maths. First, look at the volts and amps listed on a tool's data plate. Multiply them to figure the wattage required by the tool. Do the same for all the equipment you want to run on the generator at the same time. Add the different tools' wattage and you'll have the size of generator to buy, with one additional consideration. Most generators have an overall wattage rating and a surge rating. If you need a 5,000-watt generator, and you're using tools with induction motors, you'll need a generator that can produce 6,000 to 7,000 watts to handle the power surge.

- **Earth the equipment** — If the generator is used outside, follow a grounding conductor program. An alternative option is to use portable ground-fault cord sets.

When using portable generators for primary power, inspect the generator to see if the output receptacles for 15-, 20- or 30-amp service are GFCI(ground fault circuit interrupter) protected. If they are not, seek alternatives for ground fault protection, such as portable GFCI-protected cords sets or GFCI-protected multiple outlet boxes.

- **Test before use** — A damaged or miswired GFCI device may allow power to flow in the presence of a ground fault, while you think you're protected. Unless a test is done before plugging into a GFCI device, you may not know it's not working until you get shocked.

Factors that contribute to GFCI failures include power surges from miswiring and constant overvoltage. These factors can weld contacts together within the device so they can't open when a ground fault is present, allowing current flow.

- **Use proper extension cords** — Use 14/3- or 12/3-gauge cord for 15-amp/125-volt service. For 20-amp/125-volt service, 12/3-gauge is best; while for 30-amp/125- or 240-volt service, 10/3-gauge is good.

- **Train people** — All people using the generator should read, understand and follow the manufacturer's owner manuals and instructions.

- **Keep it ventilated** — Run the generator in an open space. If the generator has to be protected from the elements by an enclosure, always keep one end of the enclosure open so exhaust fumes can escape.

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February Competition

T	G	M	N	R	E	G	I	P	N	G	P	E	W
O	B	I	W	A	S	A	W	A	R	O	L	B	U
R	A	T	J	D	E	J	C	E	H	B	J	A	L
M	R	E	C	I	P	R	O	C	A	T	I	N	G
R	O	R	H	A	X	I	T	T	M	E	G	D	U
A	S	B	O	L	E	J	A	G	B	S	X	C	P
L	E	O	P	A	U	L	B	Q	A	G	O	R	E
A	N	S	C	R	N	U	L	B	R	E	B	A	S
I	A	T	G	M	I	T	E	R	S	O	X	R	O
D	N	A	B	E	Q	R	A	L	U	C	R	I	C
A	P	X	C	I	R	C	U	L	A	R	O	X	A
R	G	N	I	T	A	C	O	R	P	I	C	E	R

See if you can find three words relating to power tool saws in the puzzle on the left. Once you have found them, send the three words to this address, february@rutherford.co.za to stand a chance to win our monthly Makita power tool prizes. This month you could get your hands on a **4324K jig saw**.

Specifications

- Variable Speed
- Length Of Stroke 18mm
- Max. Cutting Capacities
- In Wood At 90° 65mm
- In Steel At 90° 6mm
- Continuous Rating Input 400W
- Overall Length 208mm
- Strokes per minute 500 - 3,100
- Net Weight 1.9kg
- Power Supply Cord 2.0m
- Includes Carry Case



Competition closes on the 10th March 2006 and the winner will be contacted directly by the Makita Team.



Congratulations to the January competition winner

Congratulations to the winner of the January competition, Phil du Preez from Roodepoort, Gauteng who won the Makita BO3700 Finishing Sander.

In Focus Durban Sales Representative



Lionel Nookadu

Lionel joined Rutherford in 1981 and worked his way up through the company from a kardex clerk, internal sales and has now been representing Makita Power Tools on the road for the last 12 years.

He brings to the team an all round knowledge of tooling and machinery and a lot of energy directed at building and maintaining good relationships with Makita customers.

He is married to Lynette, has two sons and two daughters and one granddaughter.

Editors Notes

The primary purpose of the MaktimesSA is to introduce the reader to the new Makita products and accessories available to the customer. This issue focuses on the new JR1000FTK Recipro Saw, the 9558PB Angle Grinder and a short insert on the 9812PBL Polisher. Information about our network, specials, value added products and services are all other features that makes this electronic newsletter interesting reading.

Maktec products are also a feature of the MaktimesSA, which will highlight two new tools in the next issue. The two additions to the Maktec range are sure to be a huge success with the customer so don't miss out on reading the MaktimesSA March 2006 Edition.

We appreciate your feedback and invite any compliments, comments or criticisms.

Best Regards
Makita SA Marketing Department

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